

# Index of editorial contents for 1988

## Associations

An interview with Steven Bonk, AWWA president (June p.8).

## Administration

How to handle employee harassment in the workplace—Part I (July p.14).

How to handle employee harassment in the workplace—Part II (Aug. p.20).

How York Hydro solved overdue account problem (Oct. p.20).

Introducing an Operations Management System in the City of North Vancouver (Dec. p.12).

## Computers

New programs aid cleanup of Montreal's polluted waterways (March p.18).

Desktop program emulates all treatment plant operations (March p.40).

Building inspectors go high tech in Toronto (June p.43).

## Construction

Victoria's conference centre a challenge for engineers and contractors (Jan. p.10).

## Construction Methods

How to rehabilitate a sewer and cut costs by 75% (March p. 16).

How to build a bridge in less than a day (Sept. p.14).

Shallow tunnel project is challenge for contractor (Nov. p.18).

## Directories

Grounds Maintenance & General Operations (Jan. p.17).

Roads, Streets & Highways (April p.21).

Solid Waste Management & Office Equipment (June p.19).

Sewerage & Waterworks (Sept. p.17).

## Environment

Liquid waste management plan to benefit Vancouver area. (Feb. p.30).

## Equipment

Jackhammers give way to water jetters for pavement repairs (Jan. p.16).

Wheel excavators: versatility for public works departments (July p.8).

Five steps to successful specification writing (Oct. p.12).

How to operate and maintain portable air compressors (Oct. p.18)

Tips for safe wheel loader operation (Dec. p.23).

## Equipment Maint.

Diagnosing engine problems: tips for trouble-free operation (July p.57).

The care and servicing of universal joints (Oct. p.8).

Winterizing program helps avoid unnecessary downtime (Oct. p.22).

## General Operations

Mountains mean problems for Sutton's snow-clearing crews (Jan. p.41).

Sealcoating: a way to extend pavement life (April p.58).

Bedford's experience with privatization in public works (July p.64).

How Kitimat, B.C. handles annual snow falls of 5.5 m (Nov. p.22).

How Newfoundland's freeze-thaw

cycles hinder snow removal (Dec. p.10).

## Grounds Maintenance

Planning the work and working the plan at Toronto's Edwards Gardens (Jan. p. 12).

Association promotes better sports field management (May p.11).

How to drain a waterlogged sports field overnight (May p.14).

## Health & Welfare

Substance abuse in the workplace: issues and solutions (March p.32).

## Meetings

Ontario Section, AWWA/OMWA conference program (March p.30).

Ontario Sewer & Watermain Contractors Association annual meeting focuses on infrastructure renewal (April p.55).

Concrete pipe industry puts emphasis on research, development and quality (April p.65).

Report on Ontario Good Roads Association business program (May p.18).

Report on North American Recycling '88 conference (July p.10).

Report on Roads and Transportation Association of Canada conference (Nov. p.8).

Report on 10th Canadian Waste Management Conference (Dec. p.8).

Report on Ontario Hot Mix Producers Association seminar (Dec. p.24).

Report on the Union of British Columbia Municipalities convention (Dec. p.26).

# Index of editorial contents for 1988

## Associations

An interview with Steven Bonk, AWWA president (June p.8).

## Administration

How to handle employee harassment in the workplace—Part I (July p.14).

How to handle employee harassment in the workplace—Part II (Aug. p.20).

How York Hydro solved overdue account problem (Oct. p.20).

Introducing an Operations Management System in the City of North Vancouver (Dec. p.12).

## Computers

New programs aid cleanup of Montreal's polluted waterways (March p.18).

Desktop program emulates all treatment plant operations (March p.40).

Building inspectors go high tech in Toronto (June p.43).

## Construction

Victoria's conference centre a challenge for engineers and contractors (Jan. p.10).

## Construction Methods

How to rehabilitate a sewer and cut costs by 75% (March p. 16).

How to build a bridge in less than a day (Sept. p.14).

Shallow tunnel project is challenge for contractor (Nov. p.18).

## Directories

Grounds Maintenance & General Operations (Jan. p.17).

Roads, Streets & Highways (April p.21).

Solid Waste Management & Office Equipment (June p.19).

Sewerage & Waterworks (Sept. p.17).

## Environment

Liquid waste management plan to benefit Vancouver area. (Feb. p.30).

## Equipment

Jackhammers give way to water jetters for pavement repairs (Jan. p.16).

Wheel excavators: versatility for public works departments (July p.8).

Five steps to successful specification writing (Oct. p.12).

How to operate and maintain portable air compressors (Oct. p.18)

Tips for safe wheel loader operation (Dec. p.23).

## Equipment Maint.

Diagnosing engine problems: tips for trouble-free operation (July p.57).

The care and servicing of universal joints (Oct. p.8).

Winterizing program helps avoid unnecessary downtime (Oct. p.22).

## General Operations

Mountains mean problems for Sutton's snow-clearing crews (Jan. p.41).

Sealcoating: a way to extend pavement life (April p.58).

Bedford's experience with privatization in public works (July p.64).

How Kitimat, B.C. handles annual snow falls of 5.5 m (Nov. p.22).

How Newfoundland's freeze-thaw

cycles hinder snow removal (Dec. p.10).

## Grounds Maintenance

Planning the work and working the plan at Toronto's Edwards Gardens (Jan. p. 12).

Association promotes better sports field management (May p.11).

How to drain a waterlogged sports field overnight (May p.14).

## Health & Welfare

Substance abuse in the workplace: issues and solutions (March p.32).

## Meetings

Ontario Section, AWWA/OMWA conference program (March p.30).

Ontario Sewer & Watermain Contractors Association annual meeting focuses on infrastructure renewal (April p.55).

Concrete pipe industry puts emphasis on research, development and quality (April p.65).

Report on Ontario Good Roads Association business program (May p.18).

Report on North American Recycling '88 conference (July p.10).

Report on Roads and Transportation Association of Canada conference (Nov. p.8).

Report on 10th Canadian Waste Management Conference (Dec. p.8).

Report on Ontario Hot Mix Producers Association seminar (Dec. p.24).

Report on the Union of British Columbia Municipalities convention (Dec. p.26).

## Parks & Recreation

North Bay's new \$8m waterfront parkland becomes reality (Jan. p.10).

Garden Park has special features for the disabled (May p.8).

How Winnipeg gained a park from a landfill site (May p.26).

## Pavement Research

New developments in polymer modified asphalts (Nov. p.20).

## Redevelopment

Ontario communities find new uses for old sewage plants. (Feb. p.23).

New Chinese look in downtown Winnipeg (June p.44).

## Roads & Streets

Cold in-place recycling of secondary roads (April p.10).

Innovations aid reprofiling and resurfacing of B.C. road (April p.66).

Oro Township tries calcium chloride for dust control (Aug. p.10).

Ottawa's experience with abrasives for snow and ice (Aug. p.16).

Contracting winter maintenance: the Kalamazoo County experience (Aug. p.26)

Pavement management system pays dividends for St. John's (Nov. p.24).

Lindsay tests computerized roads inventory management system (Nov. p.25)

## Shows

Special attractions planned for MEA Utility Equipment Show (April p.16).

Discover Toronto. A preshow guide for the APWA delegate (July p.17).

## Snow & Ice

Blizzard forces review of Winnipeg's snow clearing methods. (Feb. p.9).

## Storm Sewers

Study helps estimate life of corrugated steel pipe (July p.63).

Aesthetics and technology team up in Ottawa (Oct. p.25).

## Technology

New directions for high BOD degradation (March p.21)

## Traffic Engineering

Controlled tunnel vision means highways safety (Aug. p.18).

## Training

Employee training program aids Montreal snow removal (Aug. p.12).

## Underground Utilities

Alberta's first-call system successful and growing (Sept. p.50).

## Waste Management

Recycling: the pace quickens as more funds become available. (Feb. p.12).

How Shanghai handles waste from 12 million people. (Feb. p.16).

Rocking kiln incinerators handle Alberta's waste. (Feb. p.16)

French firm develops a high performance incinerator (May p.27).

More municipalities weigh bene-

fits of automated systems (June p.14).

Waterloo, Ont., builds a new leachate collection system (June p.38).

Cost-effective methods of mapping abandoned landfills (June p.40).

Ottawa's Blue Box program: model for the rest of Canada? (June p.35).

## Water & Sewage

Montreal incinerator will burn 100 tonnes of sludge daily. (Feb. p.10).

It's business as usual at Toronto's John St. pumping station (March p.10).

Greater Vancouver Regional District: eyes and ears of drinking water quality (March p.28).

How Prince George, B.C., saves taxpayers \$50,000 a year (June p.35).

A potential moneymaker for municipalities (Sept. p.10).

How Kingston Township got its dewatering plant—in a hurry (Sept. p.47).

Mount Sutton's gravity system eliminates pumps (Sept. p.12).



"Sir, instead of repairing these potholes, why don't we buy new pots?"